


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application No.	09/882,733
		Filing Date	June 15, 2001
		First Named Inventor	Mohan Sankaran
		Art Unit	3621
		Examiner Name	James A. Reagan
		Attorney Docket Number	23402-09419 (INFO-P016)
Sheet	11	of	11

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JAR	A1	US-2002/0035565	03-2002	Shah et al.
	A2	US-2002/0056081	05-2002	Morley et al.
	A3	US-2002/0059267	05-2002	Shah et al.
	A4	US-2002/0077787	06-2002	Rappaport et al.
	A5	US-2002/0099691	07-2002	Lore et al.
	A6	US-2002/0112237	08-2002	Kelts, Brett R.
	A7	US-2002/0161770	10-2002	Shapiro et al.
	A8	US-2002/0172247	09-2003	Bayer et al.
	A9	US-5,403,147	04-1995	Tanaka
	A10	US-5,404,513	04-1995	Powers et al.
	A11	US-5,405,531	04-1995	Hitzman et al.
	A12	US-5,410,688	04-1995	Williams et al.
	A13	US-5,420,688	05-1994	Farah
	A14	US-5,455,945	10-1995	Vanderdrift
	A15	US-5,511,190	04-1996	Sharma et al.
	A16	US-5,519,859	05-1996	Grace
	A17	US-5,537,589	07-1996	Dalal
	A18	US-5,563,999	10-1996	Yaksich et al.
	A19	US-5,603,024	02-1997	Goldring
	A20	US-5,655,101	08-1997	O'Farrell et al.
	A21	US-5,675,785	10-1997	Hall et al.
	A22	US-5,692,181	11-1997	Anand et al.
	A23	US-5,706,495	01-1998	Chadha et al.
	A24	US-5,708,828	01-1998	Coleman
	A25	US-5,713,020	01-1998	Reiter et al.

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	09/882,733
Filing Date	June 15, 2001
First Named Inventor	Mohan Sankaran
Art Unit	3621
Examiner Name	James A. Reagan
Attorney Docket Number	23402-09419 (INFO-P016)

Sheet	2	of	11
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A26	US-5,721,903	02-1998	Anand et al.
	A27	US-5,721,911	02-1998	Ha et al.
	A28	US-5,778,355	07-1998	Boyer et al.
	A29	US-5,781,911	07-1998	Young et al.
	A30	US-5,787,415	07-1998	Jacobson et al.
	A31	US-5,794,030	08-1998	Morsi et al.
	A32	US-5,794,228	08-1998	French et al.
	A33	US-5,794,229	08-1998	French et al.
	A34	US-5,794,246	08-1998	Sankaran et al.
	A35	US-5,799,310	08-1998	Anderson et al.
	A36	US-5,806,060	09-1998	Borgida et al.
	A37	US-5,822,751	10-1998	Gray et al.
	A38	US-5,826,258	10-1998	Gupta
	A39	US-5,832,496	11-1998	Anand et al.
	A40	US-5,842,213	11-1998	Odom et al.
	A41	US-5,848,415	12-1998	Guck, Randal
	A42	US-5,854,890	12-1998	Ramachandran et al.
	A43	US-5,857,197	01-1999	Mullins
	A44	US-5,870,746	02-1999	Knutson et al.
	A45	US-5,870,747	02-1999	Sandaresam
	A46	US-5,873,102	02-1999	Bridge, Jr. et al.
	A47	US-5,884,262	03-1999	Wise et al.
	A48	US-5,898,431	04-1999	Bayles et al.
	A49	US-5,915,019	06-1999	Ginter et al.
✓	A50	US-5,933,796	08-1999	Ashida et al.

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	09/882,733
Filing Date	June 15, 2001
First Named Inventor	Mohan Sankaran
Art Unit	3621
Examiner Name	James A. Reagan
Attorney Docket Number	23402-09419 (INFO-P016)

Sheet	3	of	11
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A51	US-5,982,890	11-1999	Akatsu, Masaharu
	A52	US-5,987,454	11-1999	Hobbs, Allen
	A53	US-5,991,742	11-1999	Tran, Bao Q.
	A54	US-6,002,402	12-1999	Schacher, John L.
	A55	US-6,003,024	12-1999	Bair et al.
	A56	US-6,014,670	01-2000	Zamanian et al.
	A57	US-6,026,388	02-2000	Liddy et al.
	A58	US-6,032,145	02-2000	Beall et al.
	A59	US-6,032,158	02-2000	Mukhopadhyay et al.
	A60	US-6,044,374	03-2000	Nesamoney et al.
	A61	US-6,065,007	05-2000	Muthukrishanan et al.
	A62	US-6,078,994	06-2000	Carey, James
	A63	US-6,119,167	09-2000	Boyle et al.
	A64	US-6,122,628	09-2000	Castelli et al.
	A65	US-6,128,624	10-2000	Papierniak et al.
	A66	US-6,141,699	10-2000	Luzzi et al.
	A67	US-6,151,584	11-2000	Papierniak et al.
	A68	US-6,151,601	11-2000	Papierniak et al.
	A69	US-6,173,310	01-2001	Yost et al.
	A70	US-6,192,364 B1	02-2001	Baclawski
	A71	US-6,205,472	03-2001	Gilmour, David L.
	A72	US-6,208,990 B1	03-2001	Suresh et al.
	A73	US-6,216,125	04-2001	Johnson
	A74	US-6,233,575	05-2001	Agrawal et al.
	A75	US-6,262,598 B1	08-2001	Lapp et al.

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
Examiner Name	James A. Reagan				
Sheet	4	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A76	US-6,269,336	07-2001	Itabashi et al.
	A77	US-6,269,369	07-2001	Robertson, Brian D.
	A78	US-6,272,485	08-2001	Sragner, Ruth
	A79	US-6,292,657	09-2001	Laursen et al.
	A80	US-6,308,203	10-2001	Itabashi et al.
	A81	US-6,336,137 B1	01-2002	Lee et al.
	A82	US-6,339,775 B1	01-2002	Zamanian et al.
	A83	US-6,369,840	04-2002	Barnett et al.
	A84	US-6,385,604	05-2002	Bakalash et al.
	A85	US-6,393,386	05-2002	Zager et al.
	A86	US-6,404,884	06-2002	Marwell et al.
	A87	US-6,408,292	06-2002	Bakalash et al.
	A88	US-6,411,936	06-2002	Sanders, Aaron M.
	A89	US-6,418,200	07-2002	Ciccolella et al.
	A90	US-6,421,781	07-2002	Fox et al.
	A91	US-6,424,426	07-2002	Henry
	A92	US-6,430,624 B1	08-2002	Jamtgaard et al.
	A93	US-6,438,522 B1	08-2002	Tate
	A94	US-6,446,059	09-2002	Berger et al.
	A95	US-6,446,062 B1	09-2002	Levine et al.
	A96	US-6,446,096 B1	09-2002	Holland et al.
	A97	US-6,449,619 B1	09-2002	Colliat et al.
	A98	US-6,457,030 B1	09-2002	Adams et al.
	A99	US-6,466,969	10-2002	Bunney et al.
✓	A100	US-6,477,525	11-2002	Bello et al.

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	09/882,733
Filing Date	June 15, 2001
First Named Inventor	Mohan Sankaran
Art Unit	3621
Examiner Name	James A. Reagan
Attorney Docket Number	23402-09419 (INFO-P016)

Sheet	5	of	11
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A101	US-6,480,711	11-2002	Guedalia, J.
	A102	US-6,487,584	11-2002	Bunney, William
	A103	US-6,491,304	07-2003	Sitaraman et al.
	A104	US-6,493,800 B1	12-2002	Blumrich, Matthias Augustin
	A105	US-6,502,101	12-2002	Verprauskus et al.
	A106	US-6,526,335	02-2003	Treyz et al.
	A107	US-6,535,872	03-2003	Castelli et al.
	A108	US-6,539,359	03-2003	Ladd et al.
	A109	US-6,549,910 B1	04-2003	Tate
	A110	US-6,549,937	04-2003	Auerbach et al.
	A111	US-6,549,937	04-2003	Auerbach et al.
	A112	US-6,553,366 B1	04-2003	Miller et al.
	A113	US-6,563,912	05-2003	Dorfman et al.
	A114	US-6,564,264	05-2003	Creswell et al.
	A115	US-6,574,599	06-2003	Lim et al.
	A116	US-6,581,062	06-2003	Draper et al.
	A117	US-6,601,062 B1	07-2003	Deshpande et al.
	A118	US-6,616,701	09-2003	Doyle
	A119	US-6,629,102 B1	09-2003	Malloy et al.
	A120	US-6,631,497	10-2003	Jamshidi et al.
	A121	US-6,636,870 B2	10-2003	Roccaforte
	A122	US-6,671,689 B2	12-2003	Papierniak
	A123	US-6,721,728	04-2004	McGreevy
	A124	US-6,736,870 B2	10-2003	Roccaforte, Raymond

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
-----------------------	-----------------------------	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
				Examiner Name	James A. Reagan
Sheet	6	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² – Number ³ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁴
	B1	EP 0987868 A3	03-2000	Schwartz, Bruce V.	
	B2	EP 1043671 A2	10-2000	Bird et al.	
	B3	EP 1164511 A2	12-2001	Griffin et al.	
	B4	GB 2,350,758	12-2000	IBM	
	B5	GB 2,357,596	06-2001	University College London	
	B6	WO 00/04466	01-2000	Suresh, Sankaran	
	B7	WO 00/08581	02-2000	Harvest Technology Inc.	
	B8	WO 00/77707	12-2000	Star, Barry	
	B9	WO 01/18728	03-2001	GETAPPROVED COM LLC	
	B10	WO 01/20438	03-2001	Ericsson Inc.	
	B11	WO 01/24040	05-2001	HNC Software, Inc.	
	B12	WO 02/44953	06-2002	Intel Corp.	
	B13	WO 99/24922	05-1999	Zamanian, M et al.	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁴
	C1	24X7 The Magazine of Nonstop Computing, "Compaq's Zero Latency Enterprise Initiative," Vol. 1, No. 2, October 2000, pp. 1-25.			
	C2	"A Process for Selective Routing of Servlet Transcoding Modules," IBM Technical Disclosure Bulletin, Vol. 42, Issue 422, June 1999 UK.			
	C3	"Multi-Modal Data Access Research Disclosure, Kenneth Mason Publications, Hampshire, GB, No. 426, October 1999, pp. 133-1386.			
	C4	"Parameterized XSL Style Sheets," Research Disclosure, Vol. 42, No. 423, July 1, 1999, Havant, UK, Article No. 423110.			
↓	C5	ANAND, V. J. et al. "Data Warehouse Architecture for DDS Applications." Australian Journal of Information Systems. Sep. 1996, AJIS Publishing, Australia, vol. 4, No. 1,			

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
				Examiner Name	James A. Reagan
Sheet	7	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country, where published	T ⁶
		pp. 43-53.	
	C6	BALLINGER, C. et al., "Born to be Parallel. Why Parallel Origins Give Teradata an Enduring Performance Edge," Bulletin of the Technical Committee on Data Engineering, Vol. 20, No. 2, June 1997, IEEE Comput. Soc., Los Alamitos, CA, US.	
	C7	BARRETT, R. et al., "Intermediaries: An Approach to Manipulating Information Streams," IBM Systems Journal, IBM Corp., Armonk, New York, U.S. Vol. 38, No. 4, 1999, pp. 629-641.	
	C8	BELLATRECHE, L. et al., "OLAP Query Processing for Partitioned Data Warehouses," Proceedings 1999 Int'l. Symposium on Database Applications in Non-Traditional Environments (Dante'99) (CAT. No. PR00496), Kyoto, JP, November 28-30, 1999, pp. 35-42, IEEE Comput. Soc., Los Alamitos, CA US ISBN: 0-7695-0496-5.	
	C9	BELLO, R.G. et al., "Materialized Views in Oracle," Proceedings of the Int'l. Conf. On Very Large Data Bases, NY, Aug. 24, 1998, pp. 659-664.	
	C10	CHAMBERLIN, D. et al., "A Complete Guide to DB2 Universal Database," 1992, pp. 659-600.	
	C11	CHAN, R. "12 Steps of Creating a Successful Data Warehouse," Proceedings of the 8th International Database Workshop (Industrial Volume), Proceedings of the 8th International Hong Kong Computer Society Database Workshop, Data Mining, Data Warehousing and CLI, pp.227-248, ISBN 981-3083-53-0, 1997, Singapore, Springer-Verlag Singapore, Singapore.	
	C12	CHAUDHURI, S. et al., "An Overview of Data Warehousing and OLAP Technology," SIGMOD Record, Sigmod, New York, No. US, Vol. 2, No. 1, March 1997, pages 65-74.	
	C13	CURLEY, K. et al. "The Rationale for Developing a Corporate Data Warehouse and the Development of a Model for Sharing Data in a Data Warehouse Environment." OOIS '95. 1995 International Conference on Object Oriented Information Systems Proceedings, Proceedings of 1995, International Conference on Object Oriented Information Systems, Dublin, Ireland, Dec. 18-20, 1995, pp. 351-366, Berlin, Germany, Springer-Verlag, Germany.	
↓	C14	DATTA, A., et al., "A Case for Parallelism in Data Warehousing and OLAP," Ninth Int'l. Workshop on Database and Expert Systems Applications, Vienna, AT, IEEE Comput. Soc., Los Alamitos, CA, US, August 26, 1998, pp. 226-231.	

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
				Examiner Name	James A. Reagan
Sheet	8	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶	
	C15	DAWSON, F. et al., "RFC 2426 vCard MIME Directory Profile," Network Working Group, Request for Comments 2426, September 1998.		
	C16	DEUTSCH, A. et al., "Storing Semistructured Data with STORED," ACM SIGMOD Record, Proceedings of the 1999 ACM SIGMOD International Conference on Management of Data, June 1999, Vol., 28, Issue 2.		
	C17	DUNCAN, K., et al., "Optimizing the Data Warehousing Environment for Change: the Persistent Staging Area," Cutter IT Journal, June 1999, Cutter Inf. Corp. USA, Vol. 12, No. 6, pp. 28-35.		
	C18	FERNANEZ, M. et al., "SilkRoute: Trading Between Relations and XML," WWW9/Computer Networks, 33(1-6), pp. 723-745, 2000.		
	C19	FLORESCU, D. et al., "A Performance Evaluation of Alternative Mapping Schemes for Storing SML in a Relational Database," Technic Report 3680, INRIA, 1999.		
	C20	FREYTAG, C. et al., "Resource Adaptive WWW access for Mobile Applications," Computers and Graphics, Pergamon Press Ltd., Oxford, GB, Vol. 23, No. 6, December 1999, pp. 841-848.		
	C21	FRY, J.P., "Conversion Technology, An Assessment," ACM SIGMIS Database, Vol. 12-13, No. 4-1, July 1981, pp. 39-61.		
	C22	HAMMER, J. et al., "Extracting Semistructured Information From the Web," Proceedings of the Workshop on Management of Semi-structured Data, March 16, 1997, pp. 1-25.		
	C23	HORI, M. et al., "Annotation-Based Web Content Transcoding," Computer Networks, Elsevier Science Publishers B.V., Amsterdam NL., Vol. 33, No. 106, June 2000, pp. 197-211.		
	C24	HOUSEL, B. et al., "A High-Level Data Manipulation Language for Hierarchical Data Structures," International Conference on Management of Data, 1976, pp. 155-169.		
	C25	Informatica Press Releases, "Informatica Delivers Industry's First Synchronized Data Marts With Newest Version of Powermart Suite," < http://www.informatica.com/syndata - 052798.html>, pp. 1-4, May 27, 1997.		
↓	C26	Informatica Press Releases, "Informatica Unveils Architecture for Networking Multiple Data Marts Into an Enterprise-Wide Data Warehouse,"		

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Substitute for form 1449A/PTO

Complete if Known

Application No.	09/882,733
Filing Date	June 15, 2001
First Named Inventor	Mohan Sankaran
Art Unit	3621
Examiner Name	James A. Reagan
Attorney Docket Number	23402-09419 (INFO-P016)

Sheet	9	of	11
-------	---	----	----

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁵
		< http://www.informatica.com/edm - 082697.html >, pp. 1-4, August 26, 1997.	
	C27	JACZYNSKI, M. et al., "Broadway: A Case-Based System for Cooperative Information Browsing on the World Wide Web," Collaboration Between Human and Artificial Societies, Online 1999.	
	C28	JONES, K., "An Introduction to Data Warehousing: What are the Implications for the Network," 1998, International Journal of Network Management, Vol. 8, pp. 42-56.	
	C29	JUHNE, J., et al., "Ariadne: a Java-Based Guided Tour System for The World Wide Web," Computer Networks and ISDN Systems, North Holland Publishing, Amsterdam, NL, Vol. 30, No. 107, April 1, 1998, pp. 131-139.	
	C30	KIM, W., "On Optimizing an SQL-Like Nested Query," ACM Transactions on Database Systems, Association for Computing Machinery, New York, US, Vol. 7, No. 3, September 1, 1982, pp. 443-469.	
	C31	KITAYAMA, F. et al., "Design of a Framework for Dynamic Content Adaptation to Web-enabled Terminals and Enterprise Applications," Software Engineering Conference, 1999. Proceedings Sixth Asian Pacific Takamatsu, Japan, December 7-10, 1999, Los Alamitos, CA, US.	
	C32	KOVACS, L. et al., "Aqua: An Advanced User Interface for the Dienst Digital Library System," 8 th Delos Workshop: User Interfaces for Digital Libraries, Online, October 21-23, 1998, Sweden, p. 2.	
	C33	LUM, V. Y. et al., "A General Methodology for Data Conversion and Restructuring," IBM Journal of Research and Development, IBM Corporation, Armonk, US, Vol. 20, No. 5, September 1, 1976, pp. 483-497.	
	C34	MAKPANGOU, M. et al., "Replicated Directory Service for Weakly Consistent Distributed Caches," INRIA SOR group-78143 Le Chesnay Cedex, France.	
	C35	MOHANIA, M. et al., "Advances and Research Directions in Data Warehousing Technology," Ajis. Australian Journal of Information Systems, Wollongong, Au. Vol. 7, No. 1, September 1999, pp. 41-59.	
↓	C36	MUMICK, I. S. et al. "Maintenance of Data Cubes and Summary Tables in a Warehouse," SIGMOD 1997. ACM SIGMOD International Conference on Management of Data, Tucson, AZ, USA, 13-15, May 1997, vol. 26, No. 2, pp. 100-111, XP002074807, Jun. 1997, ACM, USA.	

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
-----------------------	-----------------------------	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
				Examiner Name	James A. Reagan
Sheet	10	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
	C37	MUMICK, I.S., "Magic is Relevant," Sigmod Record, Sigmod, New York, NY, US, Vol. 19, No. 2, June 1, 1990, pp. 247-258.		
	C38	RODRIGUEZ, J. et al., "IBM WebSphere Transcoding Publisher V1:1: Extending Web Applications to the Pervasive World," < http://ibm.com/redbooks >, July 2000, pp. 1039.		
	C39	ROUSSKOV, A. et al., "Cache Digests," Computer Networks and ISDN Systems, 30 (1998) 2144-2168.		
	C40	ROY, P. et al., "Don't Trash Your Intermediate Results, Cach'em," Technical Report, Online, 2 March 2000, pages 1-22.		
	C41	SHNEIDERMAN, B. et al., "An Architecture for Automatic Relational Database System Conversion," ACM Transactions on Database Systems, Vol. 7, No. 2, 1982.		
	C42	SCHNEIER, B., "Applied Cryptography, Second Edition," 1996, pp. 189-196, 226-227.		
	C43	SHANMUGASUNDARAM, J. et al., "Relational Databases for Querying SML Documents: Limitations and Opportunities," Proc. Of VLBD, pp. 302-314, 1999.		
	C44	SESHADRI, P. et al., "SQLServer for Windows CE-A Database Engine For Mobile And Embedded Platforms," Data Engineering 2000. Proceedings 16 th International Conference in San Diego, CA, US, February 29, 2000, IEE Computer Soc., US, Februar 29, 2000, pp. 642-644.		
	C45	SHIMURA, T. et al., "Storage and Retrieval of XML Documents Using Object-Relational Databases," Proc. Of DEXA, pp. 206-217, 1999.		
	C46	SHU, N. et al., "Convert: A High Level Translation Definition Language for Data Conversion," Communications of the ACM, Vol. 18, No. 10, October 1975 (1975-10), pp. 557-567.		
	C47	SHU N. et al., "Convert: A High Level Translation Definition Language for Data Conversion," Proceedings of the 1975 ACM SIGMOD International Conference on Management of Data, May 1975 (1975-05), page 111.		
	C48	SHU, N. et al., "Express: A Data EXtraction, Processing, and REStructuring System," ACM Transactions on Database Systems, Vol. 2, No. 2, June 1977, pages 134-174.		
	C49	SHU, N., "Automatic Data Transformation and Restructuring," IEEE, 1987, pp. 173-180.		
✓	C50	SQUIRE, C., "Data Extraction and Transformation for the Data Warehouse," ACM Proceedings of SIGMOD. International Conf. On Management of Data, Vol. 24, No. 1,		

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/882,733
				Filing Date	June 15, 2001
				First Named Inventor	Mohan Sankaran
				Art Unit	3621
				Examiner Name	James A. Reagan
Sheet	11	of	11	Attorney Docket Number	23402-09419 (INFO-P016)

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		March 1, 1995, page 446.	
	C51	WEYMAN, P.J., "The Case for a Process-Driven Approach to Data Warehousing," Database and Network Journal, A.P. Publications, London, FB, Vol. 27, No. 1, February 1, 1997, pp. 3-6.	
	C52	WHITE, C., "Data Warehousing: Cleaning and Transforming Data," INFO DB, Vol. 10, No. 6, April 1997, pp. 11-12.	
	C53	WHITE, C., "Managing Data Transformations," byte, McGraw-Hill Inc., St. Peterborough US, Vol. 22, No. 12, December 1, 1997, pp. 53-54.	
	C54	Informatica Corporation, Release Notes, PowerCenter 1.6, PowerMart 4.6, August 1999, pp. 1-30.	
↓	C55	Informatica Corporation, User Guide, PowerCenter 1.6, PowerMart 4.6, July 1999, pp. i-xxvii and 144-186 (Table of Contents, Preface, Chapters 6 & 7).	

Examiner Signature	/James Reagan/ (10/30/2006)	Date Considered	
--------------------	-----------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/09419/DOCS/1590619.1